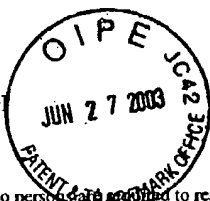


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	Application Number	10/027,616
	Confirmation Number	2994
	Filing Date	December 21, 2001
	First Named Inventor	Vesselin Shanov et al.
	Group Art Unit	1762
	Examiner Name	
Attorney Docket Number	8782	

### U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
<i>[Signature]</i>		US-5,549,780	08/27/1996	Koinuma et al.	
		US- 6,262,523 B1	07/17/2001	Selwyn et al.	
		US-			
		US-			
		US-			
		US-			
		US-			

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
<i>[Signature]</i>		EP 1 162 646 A2	12/12/2001	Yamazaki et al.		
		JP 05251198 (English abstract)	09/28/1993	Takehisa	<i>No Patent document</i>	
		WO 00/79843 A1	12/28/2000	Kim		
		WO 02/065820 A1	08/22/2002	Nam et al.		
		WO 02/099836 A1	12/12/2002	Yu et al.		

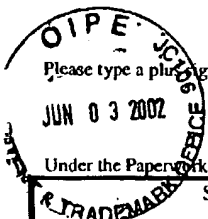
### NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
<i>[Signature]</i>		JP 05251198, abstract of, by K. Takehisa	
EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	8/26/03

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
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SHEET 1 of 1

### COMPLETE IF KNOWN

Application Number	10/027,616
Confirmation Number	2994
Filing Date	December 21, 2001
First Named Inventor	Shanov et al.
Group Art Unit	1762
Examiner Name	
Attorney Docket Number	8782

### U. S. PATENT DOCUMENTS

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		Number - Kind Code <sup>2</sup> (If known)			
		US- 6,308,654 B1	10/30/2001	Schneider et al.	
		US-			
		US-			
		US-			
		US-			
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

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EXAMINER		DATE CONSIDERED	

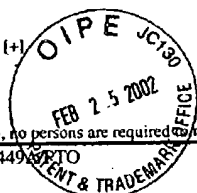
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	Application Number	10/027,616
	Confirmation Number	2994
	Filing Date	December 21, 2001
	First Named Inventor	V. N. Shanov et al.
	Group Art Unit	1762
	Examiner Name	
Attorney Docket Number	8782	

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		Number - Kind Code <sup>2</sup> (if known)				
<i>clwp</i> ✓		US- 6,262,523 B1		07/17/2001	Selwyn et al.	

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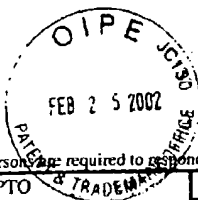
*Mr. R. J. Pitt* *8/26/03*

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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	Application Number	10/027,616
	Confirmation Number	2994
	Filing Date	December 21, 2001
	First Named Inventor	V. N. Shanov et al.
	Group Art Unit	1762
	Examiner Name	
Attorney Docket Number	8782	

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EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
[Handwritten initials]		US-5,387,842	02/07/1995	Roth et al.	
		US-5,403,453	04/04/1995	Roth et al.	
		US-5,671,045	09/23/1997	Woskov et al.	
		US-6,005,349	12/21/1999	Kunhardt et al.	
		US-6,081,329	06/27/2000	Cohn et al.	

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	*
[Handwritten initials]		WO 01/44790 A1	06/21/2001	Korfiatis et al.		
		JP 2001-159074	06/12/2001	Kataoka Seiichi	Draw + Eng. version	X

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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[Handwritten initials]		TAKAKI, et al., "Multipoint Barrier Discharge Process for Removal of NOx from Diesel Engine Exhaust", IEEE TRANSACTIONS ON PLASMA SCIENCE, Vol 29, No. 3, June 2001.	
		BAYER, et al., "Overall kinetics of SiO <sub>2</sub> remote-PECVD using different organosilicon monomers" SURFACE AND COATINGS TECHNOLOGY 116-119 (1999), pp. 874-878. <i>no month</i>	
		KARCHES et al., "A circulating fluidized bed for plasma-enhanced chemical vapor deposition on powders at low temperatures", SURFACE AND COATINGS TECHNOLOGY 116-119 (1999) pp. 879-885. <i>no month</i>	
		ASTEX®, "Downstream Sources for Etch and Deposition," February 1, 1991, Applied Science Technology, Inc., Woburn, Mass.	
		ASTEX®, "Providing Innovation in Plasma, Power and Reactive Gases," Jan.-Feb., 2001, Applied Science Technology, Inc., Woburn, Mass.	
		AX7200, Atmospheric Plasma Torch instructions, received May, 2001.	
EXAMINER		DATE CONSIDERED <i>8/29/03</i>	

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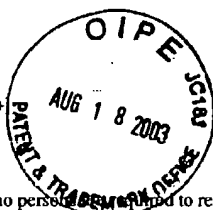
Entire copies of all co-pending applications (or the portion of the application and claims that caused it to be cited) must be sent with the IDS (see 37 CFR 1.98(a)(2)(iii))

*Mr. LP*

<u>Atty. Docket No.</u>	<u>Serial Number</u>	<u>Inventor(s)</u>	<u>Filing Date</u>
8821LS	10/027,646	Datta et al.	December 21, 2001

*Mr. S. P. Gupta* 8/26/03

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SHEET 1 of 1

### COMPLETE IF KNOWN

Application Number	10/027,616
Confirmation Number	2994
Filing Date	December 21, 2001
First Named Inventor	Vesselin Nikolov Shanov et al.
Group Art Unit	1762
Examiner Name	M.L. Padgett
Attorney Docket Number	8782

### U. S. PATENT DOCUMENTS

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		US-4,138,306 ✓	02/06/1979	Niwa	
		US-4,652,723 ✓	03/24/1987	Bossard et al.	
		US-5,084,126 ✓	01/28/1992	McKee	
		US-5,423,942 ✓	06/13/1995	Rose et al.	
		US-			
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EXAMINER INITIALS*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		JP 1994252051 A ✓	09/09/1994	Siemens		
		JP 2003514114 A ✓	04/15/2003	Förmel et al.		
		WO 01/93315 A2 ✓	12/06/2001	Elston		

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